

Message

From: Gray, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=881C62B1E54142388C1DE2F8E3799C33-GRAY, DAVID]
Sent: 3/27/2019 8:56:36 PM
To: Frances Kelley [frances.elizabeth.kelley@gmail.com]
Subject: RE: PFAS Water Testing In Deer Park, Pasadena and surrounding communities

Addressing per- and polyfluoroalkyl substances (PFAS) is one of the U.S. Environmental Protection Agency's (EPA's) top priorities and the Agency is actively working through the Unified Command to address any PFAS concerns associated with the use of Aqueous Film Forming Foam (AFFF) in response to the fire at the Intercontinental Terminals Company (ITC) Deer Park facility near Houston, Texas. AFFF is an effective tool in fighting fires, though certain varieties of AFFF may contain PFAS chemicals. PFAS is a group of man-made chemicals that have been widely used in everyday products since the 1940s and as such can be found in the environment. There is evidence that exposure to PFAS can lead to adverse human health effects.

As part of EPA's response efforts, the Agency is taking the following steps to address PFAS:

- First, EPA is working with ITC and first responders through the Unified Command to collect information about the different types of foams that were used to fight the fire. This information will help the Agency further refine its efforts to sample for and address any PFAS contamination in the area.
- Second, on March 21, 2019, the day after the fire was initially extinguished, EPA began monitoring surface water for PFAS (including PFOA and PFOS) in both Tucker Bayou and Buffalo Bayou. The Agency expects to receive and make public the first round of sampling results in the coming days.
- Third, through an Administrator Order issued on March 23, 2019, EPA has required ITC to conduct surface water sampling for contaminants, including PFAS. The order also requires ITC to remove spilled material and take actions to prevent it from migrating farther downstream.
- Fourth, EPA is working to develop and implement a robust surface water sampling plan that could include sampling for additional PFAS chemicals. EPA will rely on all available tools and methods to provide as much information to the public as possible about PFAS levels in local waterways.

Texas Commission on Environmental Quality (TCEQ) has reported that sources of water used to provide drinking water by the local water utility are not impacted by the incident. TCEQ has also provided information for Deer Park residents who use wells north of Texas 225 on testing their water.

EPA will continue to engage with the Unified Command throughout the response on any PFAS-related issues.

From: Frances Kelley <frances.elizabeth.kelley@gmail.com>
Sent: Wednesday, March 27, 2019 3:55 PM
To: Gray, David <gray.david@epa.gov>
Subject: Re: PFAS Water Testing In Deer Park, Pasadena and surrounding communities

thanks. Did y'all use the TOP assay to get results for all the PFAS chemicals, including fluorotelomers?

On Wed, Mar 27, 2019 at 3:52 PM Gray, David <gray.david@epa.gov> wrote:

Surface water - yes. ITC and state too. Should have results soon.

Sent from my iPhone

On Mar 27, 2019, at 3:50 PM, Frances Kelley <frances.elizabeth.kelley@gmail.com> wrote:

David,
Have y'all tested for PFAS in the water or not?

On Wed, Mar 27, 2019 at 3:37 PM Gray, David <gray.david@epa.gov> wrote:

Thanks . We don't have any drinking water supplies impacted. I will let the ICs know so they can address at tomorrow's press briefing.

Sent from my iPhone

On Mar 27, 2019, at 2:53 PM, Frances Kelley <frances.elizabeth.kelley@gmail.com> wrote:

Hi David,

I've been hearing from folks in Texas that there is white foam coming out of garden houses. We need to make sure to protect the residents from PFAS contaminated water.

----- Forwarded message -----

From: **Bryan Parras** <bryan.parras@sierraclub.org>

Date: Wed, Mar 27, 2019 at 1:56 PM

Subject: PFAS Water Testing In Deer Park, Pasadena and surrounding communities

To: <mike.lykes@pct2.hctx.net>

Cc: Sonya Lunder <sonya.lunder@sierraclub.org>, Jane Williams

<DcapJane@aol.com>, Frances Kelley <frances.elizabeth.kelley@gmail.com>, Neil

Carman <neil.carman@sierraclub.org>

Mr. Mike Lykes,

I have been talking with some colleagues of mine about the ongoing cleanup and reports from the community via face to face interaction and from social media. While its hard to confirm anything at the moment I thought it was prudent to bring them to your attention.

I have attached some documents that explain what PFAS are and why they are so concerning. I have also included appropriate measures to be taken as recommended by our own specialist in this area.

We have learned that some residents are experiencing white from and/or residue from their garden hoses and mothers are scared to use the water for bathing, drinking and cooking. To my knowledge, the City of Deer Park is not testing for PFAS. Nor is the City of Pasadena but I will reach out to see if they are.

Please feel free to forward this message to the appropriate people as needed and as always I am available for comment. I've carbon copied my colleagues in case you have any questions.

They may be better able to assist you with specifics about the PFAS.

respectfully,

bp

Bryan Parras

713.303.5811

Beyond Dirty Fuels

Gulf Coast Organizer

<DeerPark-PFAS-emergency-fact.pdf>

<SC-PFAS FactSheet_01_low.pdf>